

DZHOBADZE, S.A.; PEREMESHILIN, V.A.

Using a diisopropyl ether as a solvent in dephenolizing waste
waters. Gaz. prom. 7 no.8:14-16 '62. (MIRA 17:10)

PIREMYSHLIN, V.A.

Dephenolizing of tar water at the Shchekino Gas Plant. Gaz.prom.
no.4:11-14 Ap '57. (MLRA 10:5)
(Phenols)

FERMYHLIN, V.A.

V.14. DEPHENDICATION OF TAR WATER AT SICHKINER GAS WORKS.
 Fermyhlina V.A. (Gaz. Prom. (Gas Ind., Moscow), 1957, (4), 11-14; abstr.
 in Chem. Abstr., 1957, vol. 51, 11694). An elaborate flow sheet

illustrates the butyl acetate extraction process for the recovery of phenols
 from water containing phenols 4.61 g/l., hydrogen sulphide 605 mg/l., and
 ammonia 21.6 g/l. to produce an effluent of 0.73 g/l., 3.66 mg/l., and 3.68 g/l.,
 respectively. The effluent carries sufficient phenol to permit its further
 purification, after dilution by the normal biological processes as proved by
 laboratory experiments, viz., diluted water with 107 mg of phenol/l. were
 reduced to 1.07. The quality of the recovered phenol is indicated by the
 following table of properties: specific gravity 1.08-1.085; butyl acetate
 content 1.5; neutral oils 10; moisture 5%; distillation range 66-75% off at
 240° C. (L).

1. PEREMYSLOVA, A.A.
2. USSR (600)
4. Infants - Diseases
7. Gastrointestinal syndrome in certain diseases in infants during the first few months of life. *Pediatrics*. No. 6 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

Peremyslova, E. S.

✓ Investigation of organic surface-active compounds which improve the oil-displacing properties of water. E. S. Peremyslova, *Nefteyana* *Khimiya* 33, No. 9, 47-50 (1955). 62
To det. displacement of oil from sand, oil-coated quartz sand was immersed in water, shaken under strictly specified conditions for 5 min., settled for 10 min., the oil extd. from the supernatant liquid with C_6H_6 and the oil content of the C_6H_6 ext. detd. photometrically. Duplicate tests agreed within 0.7%. Detn. of the oil-detergent soln. interfacial tension indicated that displacing efficiency was highest for solns. with the lowest interfacial tension. The detergents used are identified by their Russian trade names.

W. M. Sternberg

Peremyshova, E. S.

Secondary processes occurring during ion exchange on
ion-exchange resins. Yu. Yu. Luc's and E. S. Peremy-
shova. *J. Appl. Chem., U.S.S.R.* 27, 1143-44 (1954) (trans-
lation).—See C.A. 49, 7923a.

B. M. R.

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PEREYASLOVSKIY, V.I., inzh.; NIKUL'SHIN, K.Ye.

The new MKA-10M truck-mounted crane. Mont. i spets. rab. v stroi.
24 no.4:22-24 Ap '62. (MIRA 15:7)

1. Tsentral'noye konstruktorskoye byuro Ministerstva stroitel'stva
RSFSR.

(Cranes, derricks, etc.)

SMIRNOV, A.S.; PEREMYSLOVA, Ye.S.

Evaluation of the degree of separation of a mixture of ion
exchangers. Plast.massy no.2:68-69 '63. (MIRA 16:2)
(Ion exchange) (Saline waters--Demineralization)

S/191/63/006/002/016/019
B101/B186

AUTHORS: Smirnov, A. S., Smirnova, Ye. S.

TITLE: Estimation of the degree of separation of an ionite mixture

PERIODICAL: Plasticheskiye massy, no. 1, 1963, 68-69

TEXT: Dyeing with an indicator is recommended for verifying whether or not the cationite-anionite mixtures intended for regeneration after desalting of water are completely separated. Methyl orange, phenolphthalein, and murexide were tested; the last gave the best results. The ionites were separated by water or 0.1N solution, the degree of separation was determined by dyeing a sample with murexide, and the dyed anionite grains were picked out by hand, and weighed. The method was tested on mixtures of KY-2 (KU-2) + AB-17 (AV-17), and KU-2 + ЭАЭ-10π (EDE-10p).

Card 1/1

APEL'TSIN, I.E.; ZOLOTOVA, Ye.F.; PEREMYSLOVA, Ye.S.

Laboratory investigation of methods for the removal of hydrogen
sulfide from drainage waters. Insl.po vodopodg. no.3:143-158
'59. (MIRA 12:9)
(Water--Purification) (Hydrogen sulfide)

SALDADZE, K.M.; PEREMYSLOVA, Ye.S.; FEDOTOVA, Ye.N.; GORYUNOVA, L.D.

Methods for purification of industrial ion exchangers. Plast.-
massy no.3:51-54 '62. (MIRA 15:4)
(Ion exchange)

PEREMYSLOVA, Ye.S.; TALALAYEVA, A.V.

Studying the performance of a mixed layer of ion exchan-
gers with one colored component in the mixture. Plast.
massy no.3:67-69 '64. (MIRA 17:3)

SMIRNOV, A.S.; PEREMYSLOVA, Ye.S.; MIKHOLISLY, M.O.; LA. ALAYEVA, A.V.

Separation of the spent mixed layer of ionites. 1.487.72-7
no. 33-34 164. MIRA 18:4)

LJR'YE, Yu.Yu. ; PEREMYSLOVA, Ye.S.

~~PEREMYSLOVA, Ye.S.~~
Certain secondary ion-exchange reactions. Trudy Kem.anal.khim. 6:
318-325 '55. (MIRA 9:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut vodosnabzheniya,
kanalizatsii, gidrotekhnicheskikh sooruzheniy i inzhenernoy gidro-
geologii (VODGEO) i Minmetallurgkhimstroy SSSR.
(Ion exchange)

USSR.

Secondary processes occurring during ion-exchange on ion-exchange resins. Yu. Yu. Lur'e and B. S. Perezhvalova. *Zhur. Priklad. Khim.* 27, 1207-12 (1954). Solns. of Ag^+ (5 mg./l.) were filtered (5 in./hr.) through a column of Wofatite (cf. Pokhrov, et al., C.A. 44, 8021d) the H^+ of which was replaced with Na^+ . At first the Ag^+ was absorbed and then reduced to metallic Ag. The ion-exchange capacity (a) of the resin was twice its normal a for Cl^- . Solns. of $[Ag(H_2O)_2]^+$ (25 mg./l.) were filtered through a column of m-phenylenediamine the OH^- of which was replaced by SO_4^{--} . At first the complex ion was absorbed; then a secondary reaction took place in which the anion-exchange resin acted as a catalyst: Ag_2S was formed and passed through with the filtrate; $S_2O_3^{--}$ remained with the resin. This was removed with $NaOH$ and the resin was regenerated with H_2SO_4 . After 28 cycles its a was retained. Replacing OH^- with CO_3^{--} increased a somewhat; replacing it with SO_4^{--} increased a to a max., especially at low pH. The reaction was suggested as a possible process for the recovery of Ag in waste photographic liquors.

I. Bencowitz

PEREMYSLOVA, Ye. S.

USSR

Secondary reactions taking place in ion-exchange resin processes.
Ye. S. Peremyslova and Ye. S. Pirogovskaya (Zh. prikl. khim., 1964, 27, 1207-1212). Exchange of Na for Ag ions with Wofatit-P resin in the Na phase is followed by their reduction to Ag metal; this process involves oxidation of the resin, with consequent loss of activity. Exchange of SO_4^{2-} for $(\text{AgHSO}_3)_2^{2-}$ ions in $\text{m-C}_6\text{H}_4(\text{NH}_2)_2$ anionite resin in the sulphate phase is followed by the reactions $2(\text{AgHSO}_3)_2^{2-} \rightarrow \text{Ag}_2\text{S}_2\text{O}_8 + 2\text{SO}_3^{2-}$ and $\text{Ag}_2\text{S}_2\text{O}_8 + \text{H}_2\text{O} \rightarrow \text{Ag}_2\text{S} + \text{H}_2\text{SO}_4$; the velocity of the secondary reactions rises with increase in Ag/S content of the resin. The spent resin is readily activated by washing successively with aq. NaOH and H_2SO_4 , and is finally combusted for recovery of Ag from spent fixing solutions from the photographic industry. R. Tauscz.

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PEREMYSLOVA, Ye. S.

AID P - 3280

Subject : USSR/Mining

Card 1/1 Pub. 78 - 10/24

Author : Peremyslova, Ye. S.

Title : Study of organic surface - active ingredients improving the oil washing out properties of water

Periodical : Neft. khoz., v. 33, #9, 47-50, S 1955

Abstract : Results of preliminary tests are reported on a number of surface - active ingredients for the treatment of water used for flooding. The purpose was to improve the water's property of washing out oil from petroliferous deposits.

Institution : None

Submitted : No date

PEREMYSLOVA, Ye. S.

PEREMYSLOVA, Ye. S. -- "Recovery of Silver From Weak Solutions of Its Complex Salts (Industrial Drainage Water) With the Aid of Ionites."
Sub 8 Jan 52, All-Union Sci Res Inst of Water Supp ly, Sewerage, Hydraulic Structures, and Engineering Hydrogeology (VODNHO) (Dissertation for the Degree of Candidate in Technical Sciences;

S0: Vechernaya Moskva, January-December 1952

LUR'YE, Yu.Yu.; PEREMYSLOVA, Ye.S.

Secondary processes occurring during ion exchange in ionites.
Zhur.prikl.khim. 27 no.11:1207-1212 N '54. (ML2A 7:12)
(Ion exchange)

PEREMYSLOVA, Ye. S.

"The Problem Concerning the Sorption of Acids on
Anionites" Dok. AN, 62, No. 6, 1948.

PEREMYSLOVA, YE. S.

USSR/Chemistry - Ion Exchange Resins Aug 51

"Effect of Temperature on the Process of Ion Exchange in the Case of Synthetic Cationites," Ye. S. Peremyslova, R. P. Spashko

"Zhur Pri Khim" Vol XXIV, No 8, pp 877-879

PA 190731
Studied effect of temp on cation exchange in systems $\text{CaCl}_2\text{-KCl}$ and $\text{CaCl}_2\text{-NaCl}$, using: resorcylic acid/ cationite (I) with active carboxyl group; p-phenolsulfonic acid cationite PFSK (II) with active sulfonic acid groups mainly in nucleus; and

190731 ✓

USSR/Chemistry - Ion Exchange Resins Aug 51
(Contd)

Wofatit P (III) with active sulfonic acid groups mainly on side chain. In general, temp affects exchange capacity of weakly acidic cationites (I) but not strongly acidic resins (II and III).

190731

PREMYSLAVA, Ys.S.

Investigation of organic surface-active matter improving the oil-
washing properties of water. Neft.khoz.33 no.9:47-50 S'55.
(Petroleum) (MIRA 8:12)

S/191/62/000/003/008/010
B101/B147

AUTHORS: Saldadze, K. M., Perenyaslova, Ye. S., Fedotova, Ye. M.,
Goryunova, L. D.

TITLE: Methods of purifying commercial ionites

PERIODICAL: Plasticheskiye massy, no 3; 1962, 51-54 . .

TEXT: The authors developed several methods of removing Fe and low-molecular organic substances from KY-2 (KU-2) cationite, and AB-17 (AV-17) (containing 16% divinylbenzene) and AN-18 (AN-18) anionites. Mixing the purifying liquid and ionite in a separating funnel proved to be less economical than filtering the purifying liquid upwards through the ionite (10 ml/min). The best method for KU-2 was: swelling in a saturated NaCl solution (0.5 l per 100 g KU-2), washing with 1 l H₂O, treatment with 2% NaOH (3.6 l, 6.0 hrs), washing (1.8 l H₂O, 3.0 hrs), treatment with 5% HCl (5.4 l, 9.0 hrs), washing (1.2 l H₂O, 2.0 hrs). For 100 g AV-17: swelling in 0.5 l of saturated NaCl solution, washing with 1.0 l H₂O, treatment with 5% HCl (13.8 l, 23.0 hrs), washing (4.2 l H₂O, 7.0 hrs),

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SMIRNOV, A.S.; PEREMYSLOVA, Ye.S.; TALALAYEVA, A.V.

Determining the exhaustion of a mixed layer of ion exchange resins
by the height of the filtrate. Plast.massy no.6:67-68 '65.
(MIRA 18:8)

PEREYSLOVSKIY, Vladimir Ivanovich; POKRAS, Yuriy L'vovich;
YEFREMEENKO, V.P., nauchn. red.; SHIROKOVA, G.M., red.;
MIKHEYEVA, A.A., tekhn. red.

[Hoisting machinery for performing special and assembling
operations] Pod'emniki dlia proizvodstva spetsial'nykh i
montazhnykh rabot. Moskva, Stroiizdat, 1964. 78 p.
(MIRA 17:3)

PEREMYSLYY, D.

It is necessary to make changes in instruction. Den. 1
kred. 21 no.11:40-43 N '63. (MIRA 17:2)

1. Starshiy ekonomist Nizhne-Tagil'skogo otdeleniya
Gosbanka.

PEREMYSLYY, D.

Strengthen control over the extension of credit to logging operations.
Den. 1 krel. 13 no.5:30-31 My '55. (MIRA 8:7)
(Credit) (Lumbering)

VOROB'YEV, S.; BERKOVICH, Z. (g. Ulan-Ude); ~~PEREKHISLYT, D.~~; MATVEYEV, P.;
BERKOVICH, N. (Kuybyshev); VILL, Kh.; NOVIKOVA, I.; TRENNBAUM, V.

Improve the procedure for issuing credit to the forest industry.
Den. 1 kred. 16 no.5:54-66 My '58. (MIRA 11:6)
(Lumbering--Finance)

PERGAMO, A

"Some Notes on the Extroversion of the Uterus", p. 516, (MEDYCYNA WOLBY AKTYWA,
Vol. 8, No. 11, Nov. 1952, Warszawa, Poland)

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, No. 5,
May 1955, Uncl.

PERENCHUK, D.S. (selo Cherpovody, Umanskogo rayona, Cherkasskoy obl.)

How to make a crankshaft for a wad board of a straw baler.
Mekh. sil'. hosp. 14 no.5:17 My '63. (MIRA 16:10)

PERENIYSLOV, A.

USSR

"Architecture and the Improvement of Collective Farm Villages," Izvestia, 1949
Current Digest of the Soviet Press, Vol. 1, No. 29, 1949 page 17 (In CIA Library)

SKIPETROV, P.A.; SOKOLOVSKIY, T.Ya.; ~~PERENKOV~~, A.P.; ROMANOV, B.V.;
FEDOROV, V.P.; MARINKO, I.L.; dotsent; AGANBEGYAN, A.G.;
YUZIRA, V.Yu., red.; YERMAKOV, M.S., tekhn.red.

[Increasing labor productivity is the main factor in expanding
agricultural production under the seven-year plan] Povyshenie
proizvoditel'nosti truda - glavnoe uslovie rosta sel'skokhoziaist-
vennogo proizvodstva v semiletko. Moskva, Izd-vo Mosk.univ., 1960.
134 p. (MIRA 14:1)

1. Moscow. Universitet.
(Agriculture--Labor productivity)

MUKHINA, Ye.G.; DMITRIYEVA, L.I.; PERENKOVA, G.P.

Agrometeorological conditions for growing mazzard cherries in
the Ukraine. Trudy OGMI no.25:3-11 '61. (MIRA 16:6)
(Ukraine--Cherry) (Crops and climate)

PERENT'EV, A. P.

Perent'ev, A. P.; Kost, A. N.

"Synthesis with the Aid of a Crylonitrile. XI. Cyanoethylation of Styrene Diamine."
(p. 2069)

SC: Journal of General Chemistry. (Zhurnal Obshchei Khimii), 1950, Vol. 20, No. 10.

K. 13, 1.; FERNETI, P.

Determination of arulone in the oil of milfoil (*Achillea millefolium*) by thin-layer chromatography. *Chem. farm. 14, no. 8: 423-424, 0 '65.*

1. Státní ústav pro kontrolu léčiv, Praha, Farmaceutická fakulta University Komenského, Bratislava. Submitted May, 16, 1965.

1000000, 1000000
SOS, J.; CSALAY, L.; GATI, T.; KEMENY, T.; KERTAI, P.; NAGY, B.; PERENY, L.;
SZABO, G., Technikai Asszisztensek: SCHNELL, M.; JONA, M.

Antityrosine compounds. Kiserletes orvostud 9 no.5-6:570-574 Oct-Dec
58.

1. Budapesti Orvostudományi Egyetem Korelettani Intezete es Orszagos
Kozegeszsegugy Intezet.

(TYROSINE, antag.

eff. on *Lactobacillus casei* & rat organs (Hun))

(*LACTOBACILLUS*, eff. of drugs on

tyrosine antag. on *Lactobacillus casei* (Hun))

PERENYI, A.

PERENYI, A.

"Z. Wagner and Gy. Szoke's Book Az Irari Termelesi Karacitas Felkeresenek es Kihasznalesanak Tervezese (Measuring the Capacity of Industrial Production and Planning Its Exploitation); a Review," P. 25. (TORPTEK ELN 3, Vol. 8, No. 2, July 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4, No. 1, Jan. 1955, Incl.

PERENYI, F.

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PERENYI, Gyorgy, dr.; KURTI, Sandor, dr.

Monaldi's drainage in the treatment of pulmonary abscesses.
Tuberkulózis 13 no.8:243-244 Ag '60.

1. A szolnoki megyei Tudobeteggyogyintezet (igazgato-foorvos:
Perenyi Gyorgy dr.) kozlemenye.
(LONG ABSCESS ther.)
(DRAINAGE)

MECS, Janos, dr.,; PERENYI, Gyorgy, dr.

Some on the rehabilitation of pulmonary tuberculosis patients.
Tuberk. kerdesei 7 no.6:89-93 Dec 54.

1. A szolnoki Megyei Tudobeteggyogyintezet (igazgato: Perenyi Gyorgy dr.) kozlemenye.

(REHABILITATION, in various diseases
tuberc., pulm. (Hun))

(TUBERCULOSIS, PULMONARY, therapy
rehabil. (Hun))

PERENYI, Gyorgy; SIMON, Emil, dr.

Cardio-respiratory examinations after segmental resection in tuberculosis. Tuberk. Kérdesi 9 no.3:119-122 June 56.

1. A Szolnoki Megyei Tudorbeteggyógyintézet (igazi:-foorvos: Perenyi, Gyorgy, dr.) kózl.

(TUBERCULOSIS, PULMONARY, surg.

resection, segmental, postop. EKG & resp. funct. tests (Hun))

(ELECTROCARDIOGRAPHY, in various dis.

tuberc., pulm., after segmental resection (Hun))

(RESPIRATION, funct. tests

in pulm. tuberc. after segmental resection (Hun))

Perenyi, I.

98. Standard plans and the problems of standardisation, in the light of Soviet experiences -- A tipustervezes es szabványositas, kerdesei a Szovjetunio gyakorlatanak megvilagitasaban -- by I. Perenyi (Building-Architecture -- Epites-Epiteszet -- Vol. III, No. 5,6, pp. 290-293, May-June 1951.)

Hungary was the first country after the Soviet Union to elaborate standards for planning. These standard plans make it possible to introduce up-to-date economical building methods, to set a planned basis for economy of materials and to eliminate the shortage of technical cadres. Our standard plans can be classified into four groups: (1) General guidance plans. (2) Section plans. (3) Standard building plans. (4) Standard plans on construction details. Standardization can be applied to dwelling houses, public, agricultural and industrial buildings. In the construction of dwelling houses and large urban projects section plans are given preference, whereas in rural districts standard building plans are generally applied. The most widespread application of standard plans is made in the construction of agricultural buildings. In the erection of small industrial buildings standard plans will be used more extensively in the near future, while for large halls section plans, and for factories guidance plans are the most practical. In 1951, 25 per cent of the buildings were erected on the basis of standard plans, the result of which is a 13 per cent saving as compared to previous years. Standardization in planning is the foundation of economical prefabrication, and its

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I. PERENYI

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purpose is to bring into harmony the dimensions of construction with the quantity of materials used and the dimensions of the rooms, respectively with the entire building.

Perényi, I.

I. Perényi:
Residential areas in cities - A város lakóterülete
Budapest, 1954, Akad. Kiadó, 217 p. Ft 40.-

PERENYI, Imre, dr.

Long-range plan for the science of settlements research in developing towns and villages. *Epites szemle* 5 no.1:3-5 '61.

1. Építőipari és Közlekedési Műszaki Egyetem rektora, és "Építésügyi Szemle" szerkesztő bizottsági tagja.

PERENYI, Imre, dr.

The Law on Construction. Epites szamla 8 no.4:97-99 '65.

1. Deputy Minister of Construction, Budapest.

PERENYI, Imre, dr. rektor

State and tasks of city planning in Hungary. Epites szemle 8
no.3 65-71 '64.

1. Technical University of Building and Transportation, Budapest.

PERENYI, Imre, dr.

Significance and results of the scientific research work of the
Technical University of the Construction Industry and Transportation.
Epites szemle 7 no.7:197-201 '63.

1. Epitoipari es Kozlekedesi Muszaki Egyetem rektora; "Epitesugyi
Szemle" szerkeszto bizottsagi tagja.

PERENYI, Imre, dr.

The question of specialization at the Technical University for the
Construction Industry and Transportation. Építés szemle 5 no.11:
317-319 N '61.

1. Építőipari és Közlekedési Műszaki Egyetem rektora, Budapest és
Szerkesztő bizottsági tag, Építésügyi Szemle.

1ST AND 2ND OBSERV																										PREFILES AND PROPERTIES INDEX																										1ST AND 2ND OBSERV																									
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KIPES-KIPASZET BUILDING-ARCHITECTURE Vol. 111. -1951 No. 1-2, Jan.-Feb. <i>1. Preliminary</i> Exhibition of preliminary drawings by the Designing Office for Public Buildings 6 7 ASB 55.4 METALLURGICAL LITERATURE CLASSIFICATION																																																																													
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FROM SYNDICATE NO. 1000000000 FROM EDITOR NO. 1000000000									
NO. 1000000000 NO. 1000000000 NO. 1000000000 NO. 1000000000									

PERENYI, Jozsef, tanszekvezeto egyetemi docens

About a group of the Hungarians seceding prior to the Conquest.
Elet tud 15 no.31:967-970 31 J1 '60.

PERENYI, Karoly

Irrigation with stable manure. Hidrologiai kozlony 42 no.6:
471-477 D '62.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest.

BOGARDI, Istvan, okleveles mérnök, tudományos munkatárs; PERENYI, Karoly,
okleveles mérnök, tudományos munkatárs

Using plastic hose in irrigation. Vizügyi közl no.4:417-440 '63.

1. Scientific Research Institute of Water Resources Development,
Budapest.

HANKO, Zoltan; VAGAS, Istvan; PERENYI, Karoly; MUSZKALAY, Laszlo

Society and technical news. Hidrologiai kozlony 43 no.1:6, 18, 30,
38, 76, 81 F '63.

1. "Hidrologiai Kozlony" revatvezetoje (for Vagas).

PERENYI, Karoly, okleveles mernok, tudományos munkatárs

"Irrigation Day" in Verona. Vizügyi közl no.3:367-371 '63.

1. Vizgazdálkodási Tudományos Kutató Intézet.

FERENYI, Karoly, okleveles mernok, tudományos munkatars

Application of prefabricated ferroconcrete pipelines and canal elements in Italian irrigation systems. Vizgyi kozl no.3:380-386 '61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet.

OROSZLANY, Istvan; HIRENYI, Karoly

Sprinkler irrigation in Italy. Vizugyi kozl no.2:252-286 '60.

KALMAN, Miklos; PERENYI, Karoly; TANCZY, Sandor

Land leveling by irrigation plants. Vizugyi kozl no. 4:
347-367 '57

KALMAN, Miklos, okleveles mernok; PERENYI, Karoly, okleveles mernok

Sprinkler irrigation systems. Vizugyi kozl no.3:404-430
'62.

1. Orszagos Vizugyi Fozgazgatosag vizhasznositasi osztalyanak
csoportvezeto fomernoke (for Kalman). 2. Vizgazdalkodasi
Tudomanyos Kutato Intezet tudomanyos munkatarsa (for Perenyi).

PERENYI, Karoly

Investigations related to sprinkling irrigation in Hungary
and their results. Vizugyi Kozl no.1:45-73 '62.

PERENYI, Karoly

Irrigation by means of subterranean water in the vicinity of
Udine. Vizugyi kozl no.3:484-491 '62.

ALCSER, Jeno, okl.gazda; PERENYI, Karoly,okl.mernok

Irrigation development in Hungary from 1957 to 1960.
Vizugyi kozl no.1:3-22 '62.

1.Az Orszagos Vizugyi Felgazgatosag foagronomusa (for
Alcsér). 2. A Vizgazdalkodasi Tudomanyos Kutato intezet
tudomanyos munkatarsa (for Perenyi).

P. L. ENH, Károly

irrigation system.

PERENYI, Karoly, mernok

Shell canals in irrigation. Vizsgyi kczl no.4:575-600 '64.

Dimensioning of irrigation hoses. Ibid. 601-606

1. Scientific Division Chief, Scientific Research Institute of
Water Resources Development, Budapest.

HORVATH, Sandor; PERENYI, Karoly

Description of the Kalocsa and Balatonaliga sprinkler irrigation installations from the point of view of automation. Hidrologiai közlöny 44. no.9:420-422 B '64.

1. Water Resources Planning Enterprise, National Water Board, Budapest (for Horvath).
2. Scientific Research Institute of Water Resources Development, Budapest (for Perenyi).

LORINCZI, Kazmer, dr.; MERTH, Jozsef, dr.; PERENYI, Katalin, dr.

Our experiences with pentamidine in the treatment of interstitial plasma-cell pneumonia. Gyermekgyógyászat 15 no.7: 207-212 J1'64

1. Fejer megye es Szekesfehervar Varos Korhaza (Igazgato: Szoro, Zoltan, dr.) Gyermekosztalyanak (Foorvos: Merthl, Jozsef, dr.) kozlemenye.

FISCHER, A.; PERENYI, L.; ROHNY, S.

Substrate specificity and origin of serum esterases. Acta med. hung.
12 no.3-4:229-237 1958.

1. III. Medizinische Klinik der Medizinischen Universität, Budapest.
(ESTERASES, in blood
substrate specificity & origin (Ger))

PERENYI, L.

Effect of 8-hydroxy-quinoline-7 sulfonic acid and acetyl-amino-benzaldehyde-thiosemicarbazone (TbI/698) on the Schardinger enzyme in the presence of cupric ions. Acta physiol. hung. 3 no.3-4:611-618 1952.
(CML 24:5)

1. Of the Institute of Pathophysiology of Budapest University.

PERENYI, L.

"Antiamino-acid action of α -thiopropionic acid disulphide," J. Sos, L. Csulay, I. Feher, T. Gati, G. Harasz, T. Keszey, and L. Perenyi, Schweiz. med Wschr., 1956, 86, 1077-1079 (Patho-physiol. Inst. med. Univ., Budapest; Hungary).

(for abstract see card for J. Sos)

PERENYI
GERO, Sandor; ~~PERENYI~~, Laszlo; JAKAB, Mihaly; GACS, Janos

Mechanism of the reversal of heparin clearance. Kiserletes orvostud.
10 no.1:52-55 Feb 58.

1. Budapesti Orvostudományi Egyetem III. sz. Belklinikája.
(HEPARIN, eff.
lipemia clearing, mechanism of reversal in vitro (Hun))
(LIPIDS, in blood
lipemia clearing by heparin, mechanism of reversal in vitro
(Hun))

PERENYI

Antimetabolites of glutamic acid. J. Sós, I. Csáky, I. Fehér, T. Kemény, L. Péterfy, P. Weiss, M. Schöchl, and A. Jón. (Univ. Med. School, Budapest). *Acta Physiol. Acad. Sci. Hung.* 10: 407-20 (1958) (in English).
 in microbiol. tests with *Leuconobacter* and *p. nitrobenzoyl*-glutamic acid (I) was a metabolic antagonist of glutamic acid (II). Ingestion of 200 mg. of I daily induced in the rat inflammatory changes assoc. with pseudotubercle formation in the lungs and slight degenerative changes in the liver, pancreas, and kidney. I interfered with cerebral cortical functions. α -thiopropionic acid diulfide (III) was a metabolic antagonist to II, methionine, cystine, and cysteine. Ingestion of 150 mg. of III daily reduced in rats severe hepatic and pancreatic lesions characteristic of methionine deficiency and of a general disturbance of protein metabolism. Methionine sulfide showed no or only slight microbiol. activity but in rats it resembled III. In microbiol. tests α -thiopropionic acid diulfide behaved as an antimetabolite to II. II had no effect on pyroglutamic acid (IV) and on γ -glutamyl-L-glutamate (V) but on γ -glutamyl-L-glutamate (VI) it had a marked effect. In microbiol. tests it had a marked effect on γ -glutamyl-L-glutamate (VI) but not on γ -glutamyl-L-glutamate (VII).
 8

SOR, J.; CSALAY, L.; FEHER, I.; KEMENY, T.; PERENYI, L.; WEISZ, P.;
Technikai asszisztensek: Schnell, Maria es Jona, Margit.

Experiments with glutamic acid antimetabolites. Kiserletes
orvostud. 8 no.4:380-390 July 56.

1. Budapesti Orvostudományi Egyetem Korelattani Intezete.
(GLUTAMATES, metab.
glutamic acid antimetabolites (Run))

PERENYI, L.

... acids and the phagocytosis of bacteria by leucocytes. G. Ludány, L. Perényi, J. Sós, and Gy. Vajda (Univ. Budapest). *Arch. intern. pharmacodynamie* 104, 171-83 (1965) (in German). D-Alanine, L-cystine, and DL-methionine, also thioglycolic acid, in concns. of 10^{-2} , cause a marked increase in the phagocytosis of bacteria by surviving rat leucocytes. D-Phenylalanine and DL-isoleucine have less effect, and glycine, leucine, DL-lysine, tryptophan, and L-histidine are inactive. M. L. C. Bernheim

mel 4

PAPIR ES NYOMDATECHNIA
PAPER AND PRINTING
VOL # B 1951
No. 4, April

L. Perényi:
The difference between the index
number and premium wage system 23

AS A S L A METALLURGICAL LITERATURE CLASSIFICATION

PERENYI, L.

PERENYI, L. An amino-acid antineoplastic, 2-thiohydantoin-5-acetic
acid. p. 398.

Vol. 61, No. 12, Dec. 1955.

MAGYAR KEMIAI FOLYKIRAT

SCIENCE

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

PERE M. YI, L.

4751. Action of amino-acids on phagocytosis of leucocytes.
G. LUDAS, L. PERONYI, J. SZ. and G. V. *Acta Path. et Microbiol.*
1985, 104, 178-185 (Patho-Physiol. Inst., Medicusche Univ.,
Budapest, Hungary). Amongst the amino-acids examined in doses
of 10⁻⁴ M, L-histidine, D-phenylalanine, D-isoleucine, cysteine
and methionine stimulated the phagocytic activity of surviving
leucocytes tested on suspension of *Slaph. aur.* or *Escherichia typhi*.
The possible role of SH groups is discussed. (German)

V. D. HISSN

SOS, J.; CSALAY, L.; KEMENY, T.; HARMOS, G.; PERENYI, L.; with the technical assistance of Miss M. Schnell and Miss M. Jona.

Investigations into the anti-aspartic acid effect of 2-thio-hydantoin-5-acetic acid. Acta physiol. hung. 10 no.2-4:397-405 1956.

1. Institute of Pathophysiology, University Medical School, Budapest.

(HYDANTOINS, eff.

2-thio-hydantoin-5-acetic acid, aspartic acid antag.
in Lactobacillus casei cultures)

(ASPARTIC ACID, antag.

2-thio-hydantoin-5-acetic acid, in Lactobacillus casei
cultures)

SOS, Jozsef; OSALAY, Lasso; KEMENY, Tibor; HARMOS, Gyorgy; PERENYI, Lasso;
Technikai asszisztensek: Schnell, Maria es Jona, Margit.

Studies on the aspartic acid antagonism of 2-thio-5-acetylhydantoin.
Kiserletes orvostud. 8 no.4:390-397 July 56.

1. Budapesti Orvostudományi Egyetem Korelettani Intézete.

(ASPARTIC ACID, antag.

2-thio-5-acetylhydantoin (Hun))

(HYDANTOINS, eff.

2-thio-5-acetylhydantoin, aspartic acid antag. & inj. eff.
(Hun))

Perényi, László

2

14071* An Amino Acid-Antimetabolite, the 2-Thiophydantoin
Acetic-Acid-5. Egy aminosav-antimetabolit, a 2-tio-hidantoin-
5-ecetsav. (Hungarian.) László Perényi. Magyar kémiai folyóirat,
v. 61, no. 12, Dec. 1959, p. 893-894.
CH Synthesis of compound; effect on *Lactobacillus casei*. 8 ref.

14071

PERENYI, Laszlo, dr.

The origin of life in the light of the latest research. Term tud
kozl 5 no.3:102-104 Mr '61.

1. ¹Országos Koranyi Tbc Intezet tudomanyos kutatoja, Budapest.

PERENYI, Laszlo, dr.

Quantum chemistry in biology. Term tud kozl 7 no.4:145-147
Ap '63.

1. Orszagos Koranyi TBC Intezet tudomanyos kutatoje, Budapest.

LUDANY, Gyorgy,; PERENYI, Laszlo.

Hyaluronic acid content and hyaluronidase activity of leukocytes.
Kiserletes orvostud. 7 no.5:534-536 Sept 55.

1. Budapesti Orvostudományi Egyetem Kísérleti Intézete.

(LEUKOCYTES

hyaluronidase activity, hyaluronic acid determ. & eff.
on phagocytosis)

(HYALURONIC ACID, in blood

hyaluronic acid-hyaluronidase system in leukocytes,
determ. & eff. on phagocytosis)

LUDANY, Gyorgy; PERENYI, Laszlo; SOS, Jozsef; VAJDA, Gyula.

Effect of amino acids on the bacteria phagocytosis of leukocytes,
II. Kísérletes orvostud. 8 no.1:98-105 1956.

1. Budapesti Orvostudományi Egyetem Korelettani Intézete.

(AMINO ACIDS, eff.

on bact. phagocytosis of leukocytes of rats in vitro (Hun))

(PHAGOCYTOSIS, eff. of drugs on

amino acids, on bact. phagocytosis of leukocytes of rats
in vitro (Hun))

(LEUKOCYTES

phagocytosis of bact., eff. of amino acids in rats in
vitro (Hun))

Purem, L.

SECRET

HUNG A

The hyaluronic acid content and hyaluronidase activity of leucocytes. G. Ludany and L. Párenyi (Univ. Budapest). *Experientia* 11, 71-2 (1955) (German). The hyaluronic acid (I) content of rat peritoneum leucocytes is about 0.8% on wet-weight basis. The "hyaluronidase activity" is actually decompos. of I by ascorbic acid and can be inhibited by oxim or semicarbazide. D. S. Fainer

PERÉNYI, L.

5

Catalytic action of thiols on the hydrolysis of esters. I. Nonenzymic splitting of the β -nitrophenyl esters of carboxylic acids. L. PERÉNYI (Hungary, Budapest). *Acta Physiol. Acad. Sci. Hung.* 5, 87-95 (1954) (in German). --p-Nitrophenyl benzoate, m. 127-3° (cor.), from NaCl and $\text{p-O}_2\text{NC}_6\text{H}_4\text{OH}$, was hydrolyzed (in 0.001M soln. in 90% EtOH), and the activity was calcd. in terms of the unimol. reaction velocity const. (k). Human serum and protein-free dialysate of the serum brought about hydrolysis with $k = 0.1345$ and 0.0031 , resp., at 37° and pH 7.64 in phosphate buffer. At concns. of 0.227 millimole/l. and under similar conditions, k for reduced glutathione was 0.59, cysteine 0.0528, DAL 0.004, and MeSH 0.0020. A linear relation resulted from a plot of glutathione or cysteine concn. against $\log k$. The hydrolysis is due to the presence of the mercapto group, and is modified by the other groups on the mol. and inhibited by tetrathionate and heavy-metal ions. The kinetics and thermodynamics of the hydrolysis are described. II. Nonenzymic splitting of phosphate esters. *Ibid.* 97-101. --p-Nitrophenyl dihydrogen phosphate, m. 146° (cor.), from $\text{p-O}_2\text{NC}_6\text{H}_4\text{OH}$ and P_2O_5 in $\text{C}_2\text{H}_5\text{N}$, was more stable than the disodium salt. The reaction velocity const. (k) of the hydrolysis, spontaneous and by human blood serum at 37° and pH 7.64, were 1.74×10^{-4} and 2.59×10^{-4} , resp. Mercapto compounds, e.g. glutathione, can catalyze the hydrolysis. The $\log k$ is an inverse linear function of the abs. temp. between 300 and 310° K. Adenosinetriphosphate and glycerol β -phosphate are not hydrolyzed by mercapto compds. III. Mechanism of the catalysis. *Ibid.* 103-9. --The logs of the catalytic coeffs. (ratio of

catalytic to noncatalytic reaction rates) of various esters in the presence of 0.454 millimole glutathione per l. at pH 8.24 and 37° are: 2,4-dinitro-, and *o*-, *m*-, and *p*-nitrophenyl benzoate, 1.5075, too fast to measure, 1.3339, and 1.41260, resp.; *p*-nitrophenyl β -nitrobenzoate 1.02164, β -nitrophenyl acetate 0.10910, and β -nitrophenyl phosphate 1.37570. Glutathione did not catalyze the hydrolysis of mono- and tributyrin, Et and Bu stearate, and *p*- and *m*-nitrophenyl- β -D-glucoside tetraacetate. The reaction catalyzed by the mercapto compds. probably goes in 2 steps. In the first, RSH adds to the ester. The compound then splits to form an acid, an alcohol, and a thiol. A. Dietz.

PERENYI, Laszlo

Action mechanism of macromolecular ferment models. Magyar
folyoir 67 no.2:66-70 F '62.

1. Orszagos Koranyi T₆c Intezet, Budapest, es Budapesti Orvostudo-
manyi Egyetem III. Belklinika.

117

CA

The effect of *p*-aminosalicylic acid on the activity of serum lipase. László Perényi and László Jánosov (Univ. Budapest, Hung.). *Kisérleti Orvostudomány* 2, 366 S (1950). Lipase activity was examd. in serum treated with various amounts of *p*-aminosalicylic acid (I) dissolved in 0.01 N NaOH and adjusted to pH 7.6 with a 0.1 M phosphate buffer. *In vitro* I showed a definite inhibiting effect even in a concn. of 1.0 mg. % when allowed to stand 24 hrs. The degree of inhibition was 50% at a concn. of 10 mg. %, and 100% at a 17 mg. % concn. Acetylated I had no inhibiting effect. *m*-Aminophenol, *p*-aminobenzenesulfonamide, and *p*-aminobenzoic acid showed similar but weaker effects, whereas salicylic acid was ineffective. The inhibiting effect is caused by the free NH₂ group in the *m*-position to the OH group. Clinical expts. proved that I *in vivo* is ineffective both in humans and in rabbits.

István Fényi

Gradual differences of colloid lability of the cadmium test. Method for the measurement of positivity of the cadmium test. László Fertanyi. (*Orvosi Hetilap* 89, 143-4 (1948).—With 5 centrifuge tubes measure 0.5 cc. into the first and in succession 0.4, 0.3, 0.2, and 0.1 cc. of serum. Each tube is filled up to 0.8 cc. with a 0.05% soln. of

NaCl (excepting the first tube). Then 0.25, 0.20, 0.15, 0.10, and 0.05 cc. of a 0.4% soln. of CaSO_4 is added to the series of tubes, the contents mixed, and the results observed. The values obtained agreed with the data of parallel Takata tests and blood cell sedimentation tests. The described detn. of turbidity is rapid and reliable in serial work.

István Fingál

118

CA

Photometric method for establishing the cadmium test.
László Pértényi (Univ. Budapest, Hung.). *Orvosi Hetilap*
90: 700-701 (1949); cf. C.A. 43, 9129. — Several hundred
clinical tests proved the suitability of the following method
for the detn. of turbidity in Cd tests. Add 0.6 ml. Cd re-
agent (prepd. by dissolving 4.92 g. $3\text{CdSO}_4 \cdot 8\text{H}_2\text{O}$ in 100 ml.
distil. water) to 1.2 ml. serum sample, shake, and mea-
ure turbidity after 5 mins. in a Dubrick photometer with a
0.5-ml. cuvet and filter S 50 and with 1.2 ml. of the same
serum dild. with 0.6 ml. physiol. NaCl soln. as the reference
liquid. An aq. soln. contg. 100 mg. % protein and 1.5%
methylsalicylic acid serves as the standard liquid. I. F.

JEDERAN, Miklos; PERENYI, Mihaly

Analysis of Northrop's bobbin-changing automatic looms. I.
Magy textil 14 no.3:130-134 Mr '62.

L 37817-66 T JK

ACC NR: AP6028454

SOURCE CODE: HU/0018/66/000/003/0243/0248

AUTHOR: Perenyi, Tibor--Peren'i, T.; Novak, Ervin Karoly; Galgoczy, Jozsef--Gal'gotzi, Y.

ORG: Mycological Laboratory, Metropolitan Public Health and Epidemiological Station (Fovarosi KOJAL -- Kozegeszsegugyi es Jarvanyugyi Allomas --, Mykologiai Laboratorium), Mycological Laboratory, National Public Health Institute, Budapest (Orszagos Kozegeszsegugyi Intezet, Mykologiai Laboratorium)

TITLE: Comparative study of pigment production in Trichopython rubrum strains

SOURCE: Kiserletes orvostudomany, no. 3, 1966, 243-248

TOPIC TAGS: pigment, fungus, plant chemistry

ABSTRACT: An improved method was worked out for the extraction and relative quantitative determination of the pigments of *T. rubrum*. The amount of total pigment and the quantitative ratio of the two main components were determined in the case of 9 strains. It was concluded that there are differences between the individual strains with respect to both total amount of pigment and ratio of components. It was also demonstrated that, using identical culture media, the mode of incubation also influences the total amount of pigment and the ratio of its components.

Orig. art. has: 3 figures and 5 tables. [JPRS: 36,599]

SUB CODE: 06 / SUBM DATE: 20May65 / ORIG REF: 003 / OTH REF: 007

Card 1/1

based on pigment formation, depending on the desired result. Both references are Hungarian. [Manuscript received 14 Jul 65.]

PERINYINE FEJES, Katalin

Synthetic aggregate concretes and mortars. Magy ep ipar 10 no.9:
412-417 '61.

S/061/62/000/009/050/075
B166/B144

AUTHOR: Perényiné, Fejes Katalin

TITLE: Concrete and mortars with added polymers

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 9, 1962, 420, abstract
9K370 (Magyar építőipar, v. 10, no. 9, 1961, 412-417)

TEXT: Cement type 500, sand and aqueous dispersions of polyvinyl acetate and vinyl copolymer were used for the experiments. Adding polymers plasticizes the cement. The bending strength is increased. The compressive strength of the cement is initially somewhat below that strength without the addition, but with time this difference disappears. When the addition is introduced into the mixture the corrosion resistance increases only slightly, but when the surface of the concrete is coated with a film of polymer a satisfactory protection against corrosion is achieved. The addition of polymers has a particularly favorable effect on the abrasion resistance, cohesion, and elasticity of concrete. [Abstracter's note: Complete translation.]

Card 1/1

PEREFADA, L.F.; KHAZANOVSKIY, I.S., arkhitektor

Cupola roofing of radial thickeners. Biul. stroi. tekhn. 20 no.10:
43-44 0 '63. (MIRA 10:11)

EL'KIN, I.L., gornyy inzhener; PEREPADYA, M.G., gornyy inzhener

Summary of the results of testing the A-2 unit. Ugol' Ukr.
3 no.9:28-31 S '59. (MIRA 13:2)

1. Giprouglemash (for El'kin). 2. Shakhta "Novo-Mospino"
tresta Budennovugol', Donbass (for Perepadya).
(Coal mining machinery)